/\*

EXPERIMENT NO. 02

@learner

FULL NAME: ADIL AHMAD

ROLL NO.: 21CO12

BATCH: 02

SEM: 06 {2023-24}

\*/

// AIM: Implementation of Pass-1 Assembler

// Symbol Table :-

1000 ALPHA

1000 ADD

1000 TWO

1000 STA

1000 ALPHA

1008 C'KLNCE

1008 RESB

1008 TWO

1011 5

1011 RESW

// Terminal Output :-

$ ./output

copy START 1000

1000 - LDA cü[u»4·¢α↕@

1000 ALPHA - cü[u»4·¢α↕@

1000 ADD ONE cü[u»4·¢α↕@

1000 - SUB cü[u»4·¢α↕@

1000 TWO - cü[u»4·¢α↕@

1000 STA BETA cü[u»4·¢α↕@

1000 ALPHA BYTE cü[u»4·¢α↕@

1008 C'KLNCE ONE cü[u»4·¢α↕@

1008 RESB 2 cü[u»4·¢α↕@

1008 TWO WORD cü[u»4·¢α↕@

1011 5 BETA cü[u»4·¢α↕@

1011 RESW 1 cü[u»4·¢α↕@

Program length = 11